

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Toshihisa NIHEI et al.

Application No.: New U.S. Patent Application

Filed: December 15, 2003

Docket No.: 117404

For: VEHICULAR BRAKE SYSTEM AND METHOD OF CONTROLLING SAME BRAKE
SYSTEM

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. Relevance of the non-English language references is discussed in the present specification. (Refs. 1-3, 5)
- ☒ 3. A concise explanation of the relevance of the non-English language references appears in the Appendix attached hereto.
- ☒ 4. English-language Abstracts of the non-English language references are attached hereto. (Refs. 1, 3-5)

- ☒ 5. Computer-generated English translations of the following Japanese Patent Publications have been obtained from the website of the Japanese Patent Office (<http://www.jpo.go.jp>), and are attached, but have not been reviewed for accuracy. See References 1 & 4.

Respectfully submitted,



James A. Oliff
Registration No. 27,075

Thomas J. Pardini
Registration No. 30,411

JAO:TJP/amo

Date: December 15, 2003

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461
--

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 117404		APPLICATION NO. New U.S. Application	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANTS Toshihisa NIHEI et al.			
				FILING DATE December 15, 2003			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
	1	JP A 10-006968 w/ abst & trans	01/13/1998	Japan			
	2	DE19512766A1	10/10/1996	Germany			
	3	JP A 4-185562 w/ abst	07/02/1992	Japan			
	4	JP A 8-310363 w/ abst & trans	11/26/1996	Japan			
	5	JP A 2-283555 w/ abst	11/21/1990	Japan			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER					DATE CONSIDERED		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: December 15, 2003

APPENDIX

Our Ref.: TFN030204-US

Client Ref.: TSN2003-0373-US-00Z

List of Related Art for IDS

Patent Publication (Registered patent)	Filing Date	Publication Date	Comments
JP-A-10-006968	1997/03/24	1998/01/13	Disclose changing the anti-lock control using an index indicating the kinetic amount of a running vehicle
DE19512766A1	1995/04/05	1996/10/10	Disclose determining the ABS control strategy in consideration of physical quantity indicative of the running state of a vehicle
JP-A-4-185562	1990/11/21	1992/07/02	Disclose setting a required control amount of the anti-lock control based on the deviation of the actual yaw rate from the target yaw rate.
JP-A-8-310363	1995/05/16	1996/11/26	Disclose only reducing the brake force to the front wheels while prohibiting increasing the brake force to the rear wheels when the vehicle turning with the brake applied is counter-steering.
JP-A-2-283555	1990/03/30	1990/11/21	Disclose controlling the target slip amount of the anti-lock control when the vehicle is under-steering or over-steering.